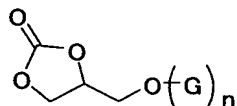


ABSTRACT

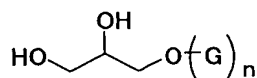
A process is provided for the selective and convenient production of a glycerol glycoside, which has been glycosidated at the 1-hydroxyl group of glycerol and is useful as a glyceroglycolipid precursor, humectant or the like.

A glycerol carbonate glycoside represented by the following formula (1):



(1)

wherein G represents a monosaccharide residue, and n stands for an integer of from 1 to 3; a process for producing the glycerol carbonate glycoside of formula (1) by reacting a saccharide with glycerol-1,2-carbonate in the presence of an acid; and a process for producing a glycerol glycoside which is represented by the following formula (2):



(2)

wherein G and n have the same meanings as defined above, by deprotecting the glycerol carbonate glycoside represented by formula (1).